

Application S/N 10/806,992
Amendment Dated: August 25, 2006
Response to Office Action dated: May 8, 2008

CE12409JME

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A light guide system, comprising:

a light conduit having non-luminescent light directing portions that direct light to a display structure in a non-random manner; and

a reflective material coated to the light conduit without a boundary between the light conduit and the reflective material and wherein the reflective material is coated on a side wall of the light conduit that is substantially perpendicular to another portion of the conduit that includes an opening that receives the light from a light source.
2. (original) The system according to claim 1, wherein the reflective material defines a border of a volume through which light can travel and the index of refraction of the volume is substantially constant.
3. (original) The system according to claim 2, wherein the index of refraction of the volume is the index of refraction of the light conduit.
4. (currently amended) The system according to claim 1, wherein the light is directed to the display structure at an angle of substantially ninety degrees ~~further including a light source optically coupled to the light conduit.~~
5. (canceled)

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6. (original) The system according to claim 1, wherein the reflective material is a conformal coating.
7. (original) The system according to claim 1, wherein the reflective material includes at least one of tin, nickel, copper, zinc, aluminum, silver, gold, chromium, and an alloy and a composite thereof.
8. (original) The system according to claim 1, wherein the light conduit is a transparent member.
9. (original) The system according to claim 1, wherein the light conduit is part of an electronic device.
10. (original) The system according to claim 1, wherein the light conduit includes a substantially planar surface at which the reflective material is coated.
11. (currently amended) A light guide system, comprising:
a light conduit having non-luminescent light directing portions that direct light to a display structure in a non-random manner; and
a conformal coating of a reflective material on the light conduit without a boundary between the light conduit and the conformal coating and wherein the reflective material is coated on a side wall of the light conduit that is substantially perpendicular to another portion of the conduit that includes an opening that receives the light from a

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light source.

12. (original) The system according to claim 11, wherein the conformal coating defines a border of a volume through which light can travel and the index of refraction of the volume is substantially constant.

13. (original) The system according to claim 12, wherein the index of refraction of the volume is the index of refraction of the light conduit.

14. (currently amended) The system according to claim 11, wherein the light is directed to the display structure at an angle of substantially ninety degrees further
~~including a light source optically coupled to the light conduit.~~

15. (canceled)

16. (original) The system according to claim 11, wherein the light conduit includes a substantially planar surface at which the reflective material is coated.

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17. (currently amended) A method of increasing the efficiency of a light guide system, comprising the steps of:

providing a light conduit having non-luminescent light directing portions that direct light to a display structure in a non-random manner; and

coating the light conduit with a reflective material without a boundary between the coating and the light conduit and on a portion of the light conduit that is substantially perpendicular to another portion of the conduit that includes an opening that receives the light from a light source.

18. (original) The method according to claim 17, wherein the coating conforms to the shape of the light conduit.

19. (original) The method according to claim 17, wherein the coating step includes spraying reflective material.

20. (original) The method according to claim 17, wherein the coating step includes the step of applying reflective material selected among the group comprising tin, nickel, copper, zinc, aluminum, silver, gold, chromium, and an alloy and a composite thereof.